

Claims

- [c1] 1. A terminal for an electrical armature for connecting a plurality of coil windings to an external connection, said terminal having an arcuate plate like portion formed from an electrically conductive material, at least one terminal tab extending in an axial direction from said plate like portion for receiving an external connecting member, a plurality of coil end winding terminals spaced around the circumference of said plate like portion for connection to coil winding ends, said coil end winding terminals being comprised of a pair of angularly related portions defining a gap to receive a coil winding end and a retaining portion facing said gap and positioned and configured to prevent a coil winding end from moving transversely out of said gap.
- [c2] 2. A terminal for an electrical armature as set forth in claim 1 wherein the winding terminals are formed by bent projections extending radially outwardly from the arcuate plate like portion.
- [c3] 3. A terminal for an electrical armature as set forth in claim 2 wherein the angularly related portions are integrally connected to the arcuate plate like portion and the

retaining portion is integrally formed at a side of one of the angularly related portions spaced from the arcuate plate like portion.

[c4] 4. A terminal for an electrical armature as set forth in claim 3 wherein the retaining portion has a radial edge that has a greater width adjacent a bight of the gap than portions spaced therefrom to facilitate placing a wire end in the gap.

[c5] 5. A wiring board for an armature having a plurality of axially spaced plate like portions each having one terminal tab and winding terminals as set forth in claim 1 embedded in an insulating material.

[c6] 6. A wiring board for an electrical armature as set forth in claim 5 wherein the winding terminals are formed by bent projections extending radially outwardly from the arcuate plate like portion.

[c7] 7. A wiring board for an electrical armature as set forth in claim 6 wherein the angularly related portions are integrally connected to the arcuate plate like portion and the retaining portion is integrally formed at a side of one of the angularly related portions spaced from the arcuate plate like portion.

[c8] 8. A wiring board for an electrical armature as set forth

in claim 7 wherein the retaining portion has a radial edge that has a greater width adjacent a bight of the gap than portions spaced therefrom to facilitate placing a wire end in the gap.

- [c9] 9. A wiring board for an electrical armature as set forth in claim 8 wherein the angularly related portions are bent into engagement and fused to the wire ends.